REMARKS

Claims 1-9 have been rejected under 35 USC 103(a) as unpatentable over Costa Requena in view of Salomaki. The rejection is respectfully traversed.

The invention relates to a method and apparatus for recording presence attributes from the Wireless Village (WV) standard in a presence information message from the IP Multimedia Subsystem (IMS) standard in a mobile communication network. In conventional systems, it has not been possible for a mobile radio terminal supporting only the IMS standard to poll presence information from users of a mobile radio terminal which only supports the WV standard, and vice versa. The invention records attributes from the WV standard, which are represented using text character strings, in note elements in a presence information message from the IMS standard, in order to overcome this issue. This allows network providers the opportunity to use an IMS presence server for presence information and nevertheless to operate mobile radio terminals which support the WV standard.

The Examiner cites Costa Requena as disclosing the claimed invention, except for the presence server receiving presence the information message. However, the Examiner cites Satomaki as disclosing this feature. In any event, Applicants respectfully submit that Costa Requena also fails to disclose at least one text character string in a presence attribute from the WV standard by a mapping unit in a note element in a presence information message from the IMS standard, as required by the claimed invention. In this regard, the Examiner specifically cites page 6, [0060], "new URL parameters for storing the wv: schema"; page 8, [0084] – page 9, [0089]; page 13, [0125] – [0130]; and page 15, [0136]: "presence-attribute-list in wv primitive and sip primitive".

Costa Requena discloses that presence information can be subscribed from WV and IMS terminals regardless of whether the operator has deployed both IMS and WV or only one of the WV and IMS systems. However, the method by which the system attempts to do so is patentably distinct from the claimed invention. In the reference, a specified mapping of the presence information is required since WV uses its own data structure while IMS terminals use a "tuple"-based format for presence data. The WV presence information is fetched from different internal and external sources through the SAP. A user A subscribes to or fetches user B's presence information, and vice versa. Similar to an IM service, the WV client populates the

presence information using the "wv" or "pres:" presence URI. This "wv" or "pres" URI will be translated in a "sip" address without losing information since WV client ID and SIP address are similar. After the terminal maps the "wv" or "pres" into the "sip", the presence URI is placed in the Request-URI and "To:" may keep the original "pres:" or "wv" address if IMS systems allow it in the next release. Thus, any WV user can send the "wv" or "pres" URI to any IMS client after mapping to a SIP URI the IMS client can use same for subscribing to the WV presence information [0125] – [0128]. In the claimed invention, on the other hand, attributes are stored in note elements and used for the IMS presence service. More specifically, at least one text character string in a presence attribute from the WV standard is mapped in a note element in a presence information message from an IMS system. See, for example, Figs. 1 and 2. Here, the attributes in line with the WV standard illustrated in Fig. 1, for example, are represented in the form of text character strings, and recorded as note elements, as seen in Fig. 2 for example. For example, WV_Attribute=Customer information, Sub_Attribute=Customer type and WV_Attribute_Value= Mobile radio terminal; computer; PDS; CLI; other. This is represented in the note elements as N1 = <note> customer information. Customer type: mobile radio terminal </note>. Referring to the table on page 15 of Costa Requena, there is are no attributes associated with the WV primitive, that are then converted into a form of text character strings in the note elements in the IMS presence information. Rather, the WV primitive is associated with the SIP primitive, and a semantics describing the association exists. This is represented, for example, by WB Primitive = SubscribeRequest, SIP Primitive = SUBSCRIBE, and Semantics = This include "Presence-Attribute-List" in primitive.

In view of the above, Applicants submit that this application is in condition for allowance. An indication of the same is solicited. The Commissioner is hereby authorized to charge deposit account 02-1818 for any fees which are due and owing, referencing Attorney Docket No. 118990-005.

Respectfully submitted,
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